AMENDMENTS TO THE SPECIFICATION

Page 4, paragraphs 9-12, delete in their entirety, and replace with the following:

i) demodulation/burst demultiplexing/burst decomposition/decryption, and, where ~~applicable/data~~ applicable, data de-interleaving/data channel decoding/source decoding, and

ii) source coding/channel coding/coded data interleaving/encryption, and where ~~applicable/burst~~ applicable, burst composition/burst multiplexing/modulation

then only the following restricted processing sequences iii) and ~~iiii)~~ iv) are applied to the user data by the interfaces 1 and 1' concerned:

iii) demodulation/burst demultiplexing/burst decomposition/decryption, where applicable, and

Page 4, paragraph 13 (spanning pages 4 and 5), delete in its entirety, and replace with the following:

~~iiii)~~ iv) encryption, and where ~~applicable/burst~~ applicable, burst composition/burst multiplexing/modulation.

Page 5, second paragraph, delete in its entirety, and replace with the following:

The ~~salvo~~ burst composition function is the dual of the ~~salvo~~ burst decomposition function.

Page 6, paragraph 5, delete in its entirety, and replace with the following:

In a first embodiment of the invention, shown in figure 3 of the appended drawings, the two interfaces 1 and 1' are radio interfaces, one being a radio interface for a cordless telephone 4 of a local area network 5, for example a CTS network, and the other being a radio interface for a

cellular telecommunication network 6 for a mobile ~~stations 4~~station 4', for example a GSM network. The interfaces 1, 1' are part of the fixed base station 2 of the cordless telephone local area network 5.

Page 6, seventh paragraph, delete in its entirety, and replace with the following:

In a second embodiment of the invention, shown in figure 4 of the appended drawings, the two interfaces 1 and 1' are radio interfaces which are part of the communication device, which also includes a controller 3" of sender-receiver centers or base stations 3'" of a radiocommunication network including fixed base stations 3'" distributed over a given territory and a plurality of mobile stations 3 and 3', such as cellular telephones.

Page 7, second full paragraph, delete in its entirety, and replace with the following:

In the first embodiment referred to above, this function connects two CTS ~~mobiles~~ cordless telephones with a remote party via a GSM link. To be able to offer this function, it must be possible to apply linear processing to the speech signals of the three links taken in pairs, which requires at least performing all of the processing on the various signals that correspond to non-linear processing, in particular channel decoding. Excluding its implementation in the GSM network, this function can be offered only if the transmission system includes the channel decoding function or module.